

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>Applicants:</b>	<b>Jeffrey Scott Goldmeer, et al.</b>	<b>Examiner:</b>	<b>Unassigned</b>
<b>Serial No:</b>	<b>Unassigned</b>	<b>Art Unit:</b>	<b>Unassigned</b>
<b>Filed:</b>	<b>Herewith</b>	<b>Docket:</b>	<b>16541</b>
<b>For:</b>	<b>WAVE ROTOR BASED POWER AND PROPULSION GENERATION FOR A MARINE VESSEL</b>	<b>Dated:</b>	<b>November 3, 2003</b>

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. United States Patent No. 6,584,764 B2, issued to Baker, dated July 1, 2003;
2. United States Patent Application Publication No. 2003/0079713 A1, to Nalim, dated May 1, 2003;
3. United States Patent Application Publication No. 2003/0029162 A1, to Baker, dated February 13, 2003;

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on November 3, 2003.

Dated: November 3, 2003

  
Paul J. Esatto, Jr.

4. United States Patent No. 6,460,342 B1, issued to Nalim, dated October 8, 2002;
5. United States Patent No. 6,449,939 B1, issued to Snyder, dated September 17, 2002;
6. United States Patent Application Publication No. 2002/0068250 A1, to Nalim, dated June 6, 2002;
7. United States Patent No. 6,351,934 B2, issued to Snyder, dated March 5, 2002;
8. United States Patent No. 6,526,936 B2, issued to Nalim, dated March 4, 2003;
9. United States Patent No. 5,702,273, issued to Cho, et al., dated December 30, 1997;
10. United States Patent No. 4,424,042, issued to Gongwer, dated January 3, 1984;
11. Greendyke, R.B., et al., "Dynamic Simulation of a Wave Rotor Topped Turboshaft Engine", NASA Technical Memorandum 107514 (1997), pp. 1-9;
12. Jones, S.M., et al., "Performance Benefits for Wave Rotor-Topped Gas Turbine Engines", American Society of Mechanical Engineers (1996), pp. 1-11;
13. Nalim, M.R., "Pulse Combustion and Wave Rotors for High-Speed Propulsion Engines", American Institute of Aeronautics and Astronautics (1998), pp. 1-8;
14. Welch, G.E., et al., "Wave Rotor-Enhanced Gas Turbine Engines", NASA Technical Memorandum 106998 (1995), pp. 1-13;
15. Welch, G.E., et al., "Wave-Rotor-Enhanced Gas Turbine Engine Demonstrator", NASA Technical Memorandum 1999-209459 (1999), pp. 1-10;
16. Wilson, J., et al., "Transmission and Incidence Losses for a Slotted Plate", American Institute of Aeronautics and Astronautics (1998), pp. 1-10;
17. Wilson, J., et al., "Jet Engine Performance Enhancement Through Use of a Wave-Rotor Topping Cycle", NASA Technical Memorandum 4486 (1993), pp. 1-10; and

18. Wilson, J., et al., "Wave Rotor Optimization for Gas Turbine Engine Topping Cycles", AIAA Journal of Propulsion and Power (1996), Vol. 12, No. 4, pp. 778-785.

Applicants are submitting copies of the above-cited references.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,



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PJE:AVS:jap

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			Docket Number (Optional) <b>16541</b>		Application Number <b>Unassigned</b>	
			Applicant(s) <b>Jeffrey Scott Goldmeer, et al.</b>			
			Filing Date <b>Herewith</b>		Group Art Unit <b>Unassigned</b>	

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		<b>6,584,764 B2</b>	<b>7/1/2003</b>	<b>Baker</b>			
		<b>2003/0079713 A1</b>	<b>5/1/2003</b>	<b>Nalim</b>			
		<b>2003/0029162 A1</b>	<b>2/13/2003</b>	<b>Baker</b>			
		<b>6,460,342 B1</b>	<b>10/8/2002</b>	<b>Nalim</b>			
		<b>6,449,939 B1</b>	<b>9/17/2002</b>	<b>Snyder</b>			
		<b>2002/0068250 A1</b>	<b>6/6/2002</b>	<b>Nalim</b>			
		<b>6,351,934 B2</b>	<b>3/5/2002</b>	<b>Snyder</b>			
		<b>6,526,936 B2</b>	<b>3/4/2003</b>	<b>Nalim</b>			
		<b>5,702,273</b>	<b>12/30/1997</b>	<b>Cho, et al.</b>			
		<b>4,424,042</b>	<b>1/3/1984</b>	<b>Gongwer</b>			

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

		Greendyke, R.B., et al., "Dynamic Simulation of a Wave Rotor Topped Turboshaft Engine", NASA Technical Memorandum 107514 (1997), pp. 1-9
		Jones, S.M., et al., "Performance Benefits for Wave Rotor-Topped Gas Turbine Engines", American Society of Mechanical Engineers (1996), pp. 1-11
		Nalim, M.R., "Pulse Combustion and Wave Rotors for High-Speed Propulsion Engines", American Institute of Aeronautics and Astronautics (1998), pp. 1-8

EXAMINER	DATE CONSIDERED
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**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Welch, G.E., et al., "Wave Rotor-Enhanced Gas Turbine Engines", NASA Technical Memorandum 106998 (1995), pp. 1-13
		Welch, G.E., et al., "Wave-Rotor-Enhanced Gas Turbine Engine Demonstrator", NASA Technical Memorandum 1999-209459 (1999), pp. 1-10
		Wilson, J., et al., "Transmission and Incidence Losses for a Slotted Plate", American Institute of Aeronautics and Astronautics (1998), pp. 1-10
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